

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/564,647
Source: IFWP
Date Processed by STIC: 1-30-06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 01/30/2006

PATENT APPLICATION: US/10/564,647

TIME: 14:55:07

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01302006\J564647.raw

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5 <110> APPLICANT: Cambridge Antibody Technology Limited
7     Monk, Phillip D
9     Jermutus, Lutz
11    Minter, Ralph R
13    Shorrocks, Celia P
17 <120> TITLE OF INVENTION: Human Antibody Molecules for IL-13
21 <130> FILE REFERENCE: SMWCP6234918
C--> 25 <140> CURRENT APPLICATION NUMBER: US/10/564,647
C--> 27 <141> CURRENT FILING DATE: 2006-01-13
31 <150> PRIOR APPLICATION NUMBER: US 60/487,512
33 <151> PRIOR FILING DATE: 2003-07-15
37 <150> PRIOR APPLICATION NUMBER: US 60/558,216
39 <151> PRIOR FILING DATE: 2004-03-31
43 <150> PRIOR APPLICATION NUMBER: GB 0407315.1
45 <151> PRIOR FILING DATE: 2004-03-31
49 <150> PRIOR APPLICATION NUMBER: US 60/573,791
51 <151> PRIOR FILING DATE: 2004-05-24
55 <160> NUMBER OF SEQ ID NOS: 249
59 <170> SOFTWARE: PatentIn version 3.1
63 <210> SEQ ID NO: 1
65 <211> LENGTH: 5
67 <212> TYPE: PRT
69 <213> ORGANISM: Homo sapiens
73 <400> SEQUENCE: 1
75 Asn Tyr Gly Leu Ser
76 1             5
79 <210> SEQ ID NO: 2
81 <211> LENGTH: 16
83 <212> TYPE: PRT
85 <213> ORGANISM: Homo sapiens
89 <400> SEQUENCE: 2
91 Trp Ile Ser Ala Asn Gly Asp Thr Asn Tyr Gly Gln Glu Phe Gln Gly
92 1             5              10             15
95 <210> SEQ ID NO: 3
97 <211> LENGTH: 13
99 <212> TYPE: PRT
101 <213> ORGANISM: Homo sapiens
105 <400> SEQUENCE: 3
107 Asp Ser Ser Ser Asn Trp Ala Arg Trp Phe Phe Asp Leu
108 1             5              10
111 <210> SEQ ID NO: 4
113 <211> LENGTH: 11
115 <212> TYPE: PRT

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117 <213> ORGANISM: Homo sapiens
121 <400> SEQUENCE: 4
123 Gly Gly Asn Asn Ile Gly Ser Lys Leu Val His
124 1          5          10
127 <210> SEQ ID NO: 5
129 <211> LENGTH: 7
131 <212> TYPE: PRT
133 <213> ORGANISM: Homo sapiens
137 <400> SEQUENCE: 5
139 Asp Asp Gly Asp Arg Pro Ser
140 1          5
143 <210> SEQ ID NO: 6
145 <211> LENGTH: 11
147 <212> TYPE: PRT
149 <213> ORGANISM: Homo sapiens
153 <400> SEQUENCE: 6
155 Gln Val Trp Asp Thr Gly Ser Asp Pro Val Val
156 1          5          10
159 <210> SEQ ID NO: 7
161 <211> LENGTH: 5
163 <212> TYPE: PRT
165 <213> ORGANISM: Homo sapiens
169 <400> SEQUENCE: 7
171 Asn Tyr Gly Leu Ser
172 1          5
175 <210> SEQ ID NO: 8
177 <211> LENGTH: 16
179 <212> TYPE: PRT
181 <213> ORGANISM: Homo sapiens
185 <400> SEQUENCE: 8
187 Trp Ile Ser Ala Asn Gly Asp Thr Asn Tyr Gly Gln Glu Phe Gln Gly
188 1          5          10          15
191 <210> SEQ ID NO: 9
193 <211> LENGTH: 13
195 <212> TYPE: PRT
197 <213> ORGANISM: Homo sapiens
201 <400> SEQUENCE: 9
203 Asp Ser Ser Ser Ser Trp Ala Arg Trp Phe Phe Asp Leu
204 1          5          10
207 <210> SEQ ID NO: 10
209 <211> LENGTH: 11
211 <212> TYPE: PRT
213 <213> ORGANISM: Homo sapiens
217 <400> SEQUENCE: 10
219 Gly Gly Asn Ile Ile Gly Ser Lys Leu Val His
220 1          5          10
223 <210> SEQ ID NO: 11
225 <211> LENGTH: 7
227 <212> TYPE: PRT

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229 <213> ORGANISM: Homo sapiens
233 <400> SEQUENCE: 11
235 Asp Asp Gly Asp Arg Pro Ser
236 1 5
239 <210> SEQ ID NO: 12
241 <211> LENGTH: 11
243 <212> TYPE: PRT
245 <213> ORGANISM: Homo sapiens
249 <400> SEQUENCE: 12
251 Gln Val Trp Asp Thr Gly Ser Asp Pro Val Val
252 1 5 10
255 <210> SEQ ID NO: 13
257 <211> LENGTH: 122
259 <212> TYPE: PRT
261 <213> ORGANISM: Homo sapiens
265 <400> SEQUENCE: 13
267 Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
268 1 5 10 15
271 Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Arg Asn Tyr
272 20 25 30
275 Gly Leu Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
276 35 40 45
279 Gly Trp Ile Ser Ala Asn Asn Gly Asp Thr Asn Tyr Gly Gln Glu Phe
280 50 55 60
283 Gln Gly Arg Ile Thr Met Thr Thr Glu Thr Ser Thr Asn Thr Ala His
284 65 70 75 80
287 Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
288 85 90 95
291 Val Arg Asp Ser Ser Ser Asn Trp Ala Arg Trp Phe Phe Asp Leu Trp
292 100 105 110
295 Gly Lys Gly Thr Met Val Thr Val Ser Ser
296 115 120
299 <210> SEQ ID NO: 14
301 <211> LENGTH: 108
303 <212> TYPE: PRT
305 <213> ORGANISM: Homo sapiens
309 <400> SEQUENCE: 14
311 Ser Tyr Val Leu Thr Gln Pro Pro Ser Val Ser Val Ala Pro Gly Gln
312 1 5 10 15
315 Thr Ala Arg Ile Pro Cys Gly Gly Asn Asn Ile Gly Ser Lys Leu Val
316 20 25 30
319 His Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Val Tyr
320 35 40 45
323 Asp Asp Gly Asp Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
324 50 55 60
327 Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Arg Ile Asp Ala Gly
328 65 70 75 80
331 Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Thr Gly Ser Asp Pro
332 85 90 95

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335 Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
336          100          105
339 <210> SEQ ID NO: 15
341 <211> LENGTH: 122
343 <212> TYPE: PRT
345 <213> ORGANISM: Homo sapiens
349 <400> SEQUENCE: 15
351 Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
352 1          5          10          15
355 Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asn Tyr
356          20          25          30
359 Gly Leu Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
360          35          40          45
363 Gly Trp Ile Ser Ala Asn Asn Gly Asp Thr Asn Tyr Gly Gln Glu Phe
364          50          55          60
367 Gln Gly Arg Val Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr
368 65          70          75          80
371 Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
372          85          90          95
375 Ala Arg Asp Ser Ser Ser Trp Ala Arg Trp Phe Phe Asp Leu Trp
376          100         105         110
379 Gly Arg Gly Thr Leu Val Thr Val Ser Ser
380          115         120
383 <210> SEQ ID NO: 16
385 <211> LENGTH: 108
387 <212> TYPE: PRT
389 <213> ORGANISM: Homo sapiens
393 <400> SEQUENCE: 16
395 Ser Tyr Val Leu Thr Gln Pro Pro Ser Val Ser Val Ala Pro Gly Lys
396 1          5          10          15
399 Thr Ala Arg Ile Thr Cys Gly Gly Asn Ile Ile Gly Ser Lys Leu Val
400          20          25          30
403 His Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Ile Tyr
404          35          40          45
407 Asp Asp Gly Asp Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser
408          50          55          60
411 Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Arg Val Glu Ala Gly
412 65          70          75          80
415 Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Thr Gly Ser Asp Pro
416          85          90          95
419 Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
420          100         105
423 <210> SEQ ID NO: 17
425 <211> LENGTH: 30
427 <212> TYPE: PRT
429 <213> ORGANISM: Homo sapiens
433 <400> SEQUENCE: 17
435 Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
436 1          5          10          15

```

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439 Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Arg
440                20                25                30
443 <210> SEQ ID NO: 18
445 <211> LENGTH: 14
447 <212> TYPE: PRT
449 <213> ORGANISM: Homo sapiens
453 <400> SEQUENCE: 18
455 Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met Gly
456 1                5                10
459 <210> SEQ ID NO: 19
461 <211> LENGTH: 32
463 <212> TYPE: PRT
465 <213> ORGANISM: Homo sapiens
469 <400> SEQUENCE: 19
471 Arg Ile Thr Met Thr Thr Glu Thr Ser Thr Asn Thr Ala His Met Glu
472 1                5                10                15
475 Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Val Arg
476                20                25                30
479 <210> SEQ ID NO: 20
481 <211> LENGTH: 22
483 <212> TYPE: PRT
485 <213> ORGANISM: Homo sapiens
489 <400> SEQUENCE: 20
491 Ser Tyr Val Leu Thr Gln Pro Pro Ser Val Ser Val Ala Pro Gly Gln
492 1                5                10                15
495 Thr Ala Arg Ile Pro Cys
496                20
499 <210> SEQ ID NO: 21
501 <211> LENGTH: 15
503 <212> TYPE: PRT
505 <213> ORGANISM: Homo sapiens
509 <400> SEQUENCE: 21
511 Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Val Tyr
512 1                5                10                15
515 <210> SEQ ID NO: 22
517 <211> LENGTH: 32
519 <212> TYPE: PRT
521 <213> ORGANISM: Homo sapiens
525 <400> SEQUENCE: 22
527 Gly Ile Pro Glu Arg Phe Ser Gly Ser Asn Ser Gly Asn Thr Ala Thr
528 1                5                10                15
531 Leu Thr Ile Ser Arg Ile Asp Ala Gly Asp Glu Ala Asp Tyr Tyr Cys
532                20                25                30
535 <210> SEQ ID NO: 23
537 <211> LENGTH: 120
539 <212> TYPE: PRT
541 <213> ORGANISM: Homo sapiens
545 <400> SEQUENCE: 23
547 Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/564,647

DATE: 01/30/2006
TIME: 14:55:08

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\01302006\J564647.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:176; Xaa Pos. 1,2,4 ✓
Seq#:177; Xaa Pos. 3,4,5,6,8,10,12,13,14,16,17
Seq#:178; Xaa Pos. 2,3,4,5,10,12
Seq#:179; Xaa Pos. 3,4,5,7,8
Seq#:180; Xaa Pos. 7
Seq#:181; Xaa Pos. 8,11
Seq#:248; Xaa Pos. 21,30,62,87,103,120,130
Seq#:249; Xaa Pos. 4,5,7,9,12,17,19,25,27,28,29,30,31,32,34,41,46,48,49,60
Seq#:249; Xaa Pos. 61,63,66,67,69,72,75,77,79,81,84,85,89,91,93,95,96,98,99
Seq#:249; Xaa Pos. 100,101,102,103,107,108,109,117,119,120,121,124,125,126
Seq#:249; Xaa Pos. 128,132,134,136

VERIFICATION SUMMARY

DATE: 01/30/2006

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Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01302006\J564647.raw

L:25 M:270 C: Current Application Number differs, Replaced Current Application Number
L:27 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:4187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:176 after pos.:0
L:4323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:177 after pos.:0
M:341 Repeated in SeqNo=177
L:4409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:178 after pos.:0
L:4480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:179 after pos.:0
L:4510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:180 after pos.:0
L:4550 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:181 after pos.:0
L:5748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:248 after pos.:16
M:341 Repeated in SeqNo=248
L:5832 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:249 after pos.:0
M:341 Repeated in SeqNo=249